IAP12 Rec'd PCT/PTO 3 1 AUG 2006

Attorney Docket N TRANSMITTAL LETTER TO THE UNITED STATES 1509-1068 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. Application 19. 91 CONCERNING A FILING UNDER 35 U.S.C. 371 PRIORITY DATE CLAIMED INTERNATIONAL FILING DATE INTERNATIONAL APPLN. NO. March 1, 2004 February 25, 2005 PCT/SE2005/00270 TITLE OF INVENTION: A METHOD OF GENERATING PRESSURE PULSES, A PRESSURE PULSE GENERATOR AND A PISTON **ENGINE PROVIDED THEREWITH** APPLICANT(S) FOR DO/EO/US: Mats HEDMAN Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. 🛛 is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. See attached PCT/IB/308. c. is not required, as the application was filed in the United States Receiving Office (RO/US). ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) a. 
is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b.  $\ \ \square$  have been communicated by the International Bureau. c.  $\square$  have not been made, however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) 10. A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). 11. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 12 to 23 below concern document(s) or information included: 12. ☑ Information Disclosure Statement (IDS) w/PTO-1449 - ☑ Copy of IDS citations. - ☑ PCT/ISA/210 International Search Report included 13. Assignment Papers (cover sheet & document(s)). 14. A preliminary amendment. 15. An Application Data Sheet under 37 C.F.R. 1.76. 16. Itemized Return Receipt Postcard 17. Abstract 18. A substitute specification. 19. Dower of Attorney and Statement under 37 CFR §3.73(b) b. A change of Power of Attorney and/or change of address letter. 20. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 21. A second copy of the published international application under 35 U.S.C. 154(d)(4). 22. A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)). 23. Other items or information:

U.S. APPLICATION 91236 INTERNATIONAL APPLN. PCT/SE2005/00270	NO. ATTORNE 1509-1068	Y DOCKET N	0.
Applicant claims small entity status. See 37 CFR 1.27.		CALCULATIONS PTO USE ONLY	
☐ The following fees are submitted:			
PCT FEES - NATIONAL STAGE			
Fee Description			
Basic National Stage Fee		\$150.00	
Non ISA/US Search Provided National Stage Search Fee		\$200.00	
US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4)			
Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20- ☒ 30 \$0.00 months from the earliest claimed priority date (Fee Code 1617/2617)			
National Stage Application	Fee From Below		
size fee each additional 50 sheets in excess of 100 36 - 100 = 0 =	X <u>\$125.00</u>	\$0.00	
Fee Code 1681/2681 50			
1	BER EXTRA RATE		
Independent Claims Fee Codes 1614 / 2614 2 - 3 = 0	x \$100.00	\$0.00	
Total Claims Fee Codes 1615 / 2615   20 - 20 = 0	x \$25.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616 + \$360.00		\$0.00	
Processing fee of \$130.00 for furnishing the English translation later than \( \bigcup 20 \) \( \bigcup 30 \) months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618 \( \bigcup 80.00 \)			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property + \$40.00			
TOTAL FEES ENCLOSED =		\$ 490.00	
		Amount to be refunded: Charged:	\$
Charged: \$			
A check in the amount of \$ 490.00 to cover the above fees is attached.			
The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.			
The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.			
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 <sup>rd</sup> Street  SIGNATURE			
Arlington, VA 22202 Telephone: (703) 521-2297 Benoit Castel, Reg. No. 35,041			
Facsimile: (703) 685-0573 NAME, REGISTRATION NUMBER			
Y&T Customer No. <b>00466</b>			